MAKING MOBILITY HAPPEN. today tomorrow together

HÜBNER EXPERT TALKS

IMPROVING LIFECYCLE SERVICE: IMPLEMENTATION OF HÜBNER GANGWAYS DURING MID-LIFE OVERHAULS CHRISTOPH STEINBACH – HEAD OF SALES, AFTER SALES & SERVICE, DIVISION MOBILITY RAIL THOMAS TATZEL – HEAD OF SERVICE & REFURBISHMENT SOLUTIONS, AFTER SALES & SERVICE, DIVISION MOBILITY RAIL







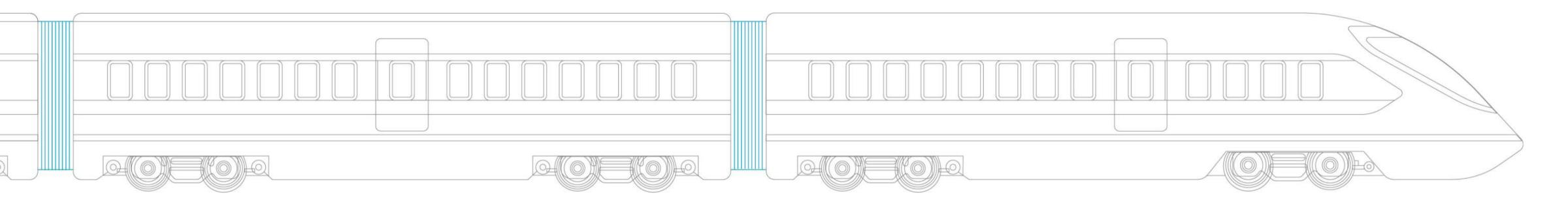


HÜBNER LIFECYCLE SERVICE INNOTRANS 2022 - BERLIN





WELCOME TO HÜBNER. WELCOME TO AFTER SALES & SERVICE.





Your contact:

Thomas Tatzel

Head of Service & Refurbishment Solutions After Sales & Service Mobility Rail thomas.tatzel@hubner-group.com





Your contact:

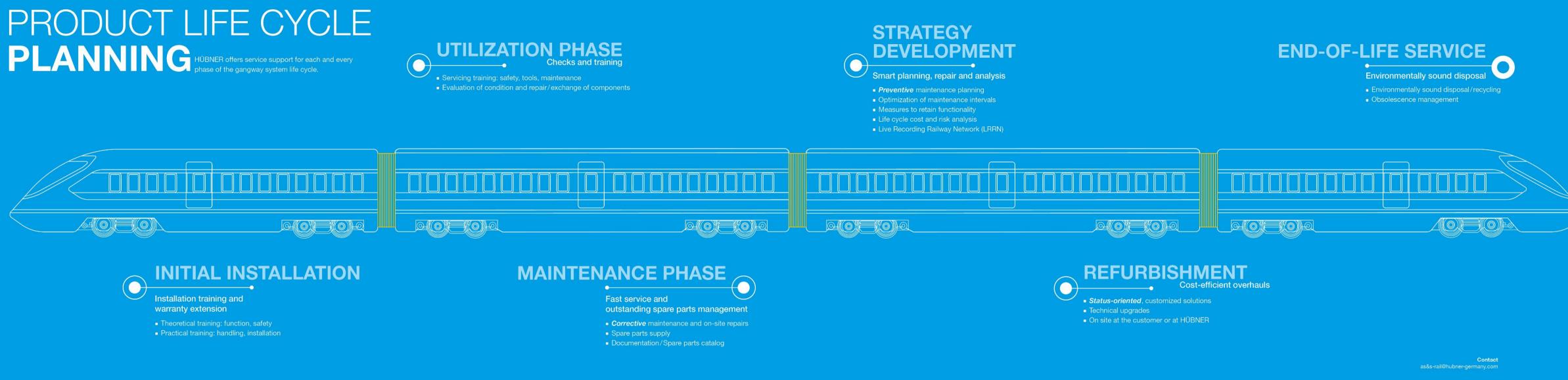
Christoph Steinbach

Head of Sales **After Sales & Service Mobility Rail** christoph.steinbach@hubner-group.com





LIFECYCLE MANAGEMENT



- What is your main interest in the life cycle management of gangway systems?
- What is your maintenance strategy for gangway systems?



gement of gangway systems? systems?

Let's find the right strategy together!

Strategy = right time + right technical solution

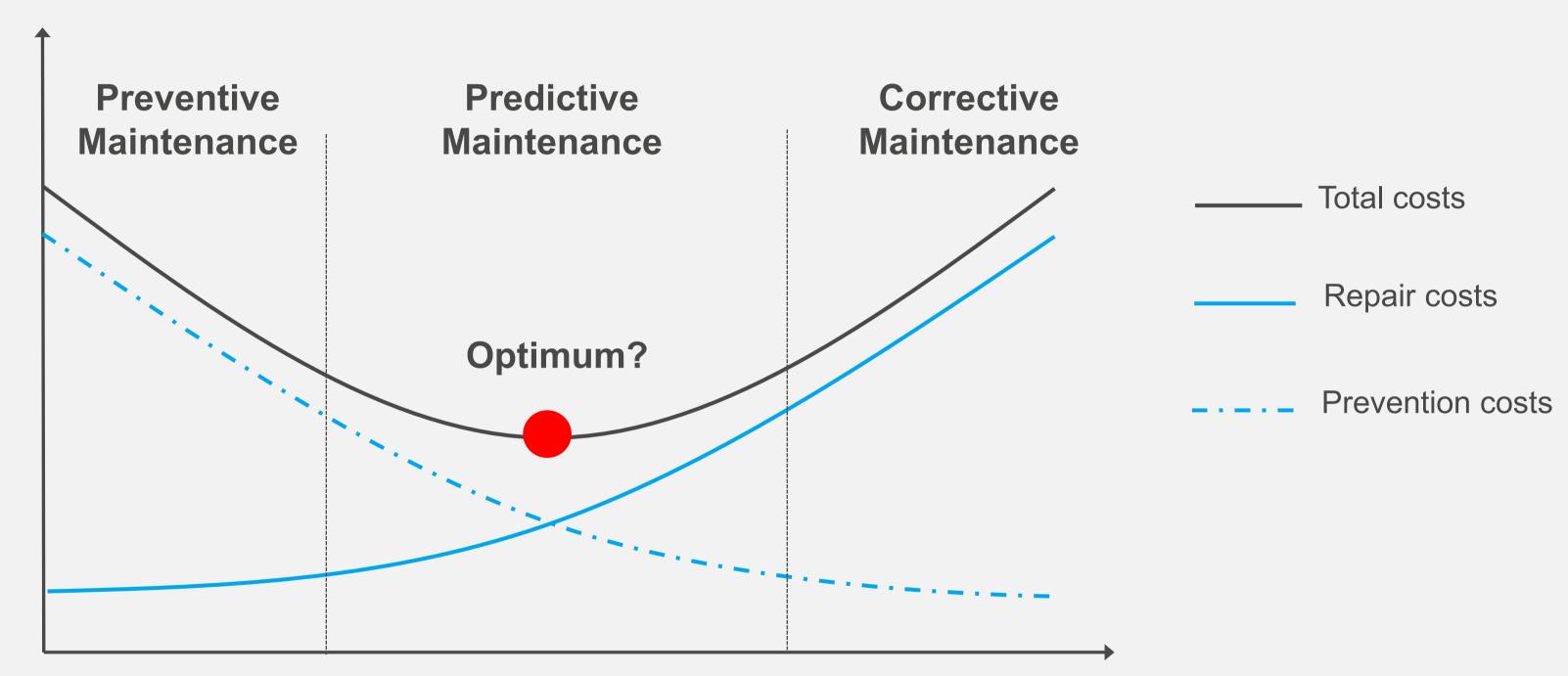




IMPROVING LIFECYCLE SERVICE – RIGHT TIME

THERE ARE DIFFERENT MAINTENANCE STRATEGIES – LET'S FIND THE RIGHT ONE

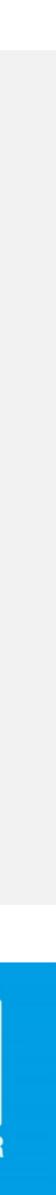
Maintenance Costs



Is Predictive Maintenance really the optimal maintenance strategy for every system of vehicle?

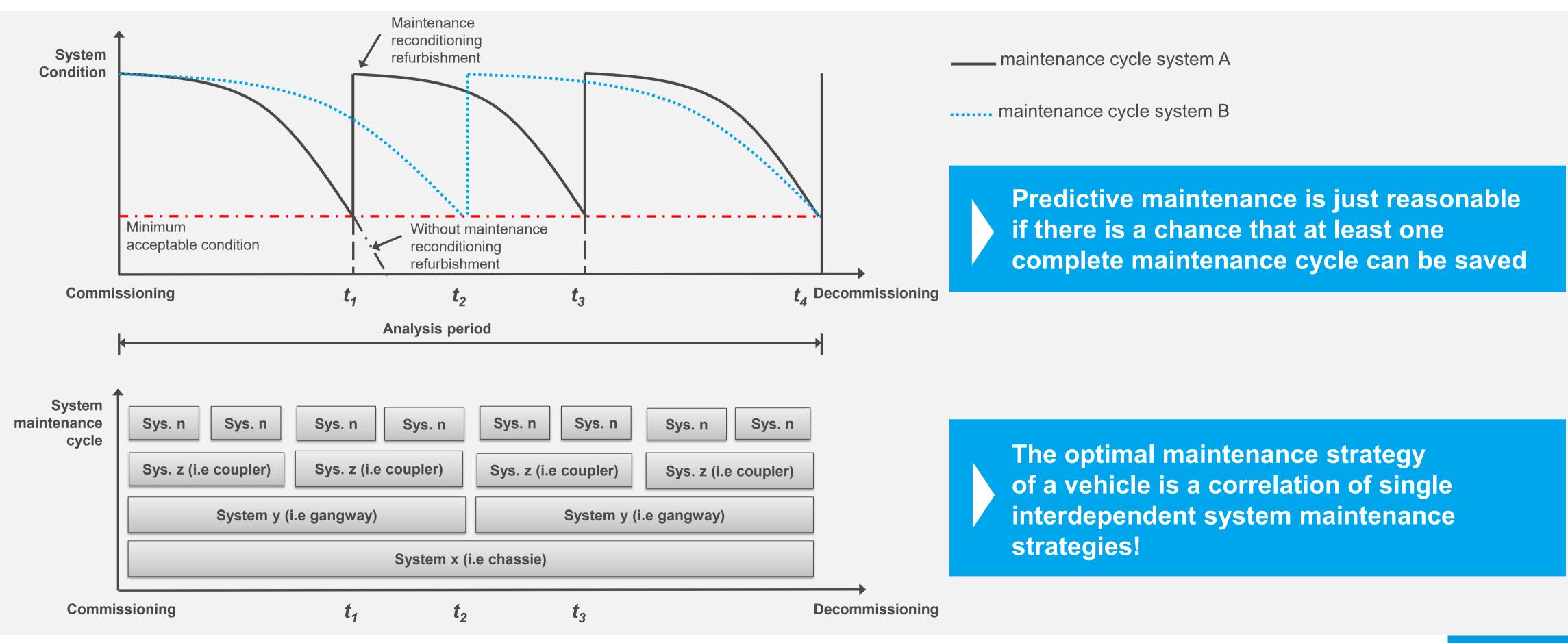
Number of failures



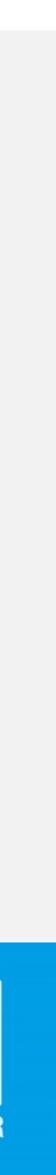


IMPROVING LIFECYCLE SERVICE – RIGHT TIME

THERE ARE DIFFERENT MAINTENANCE STRATEGIES – LET'S FIND THE RIGHT ONE







IMPROVING LIFECYCLE SERVICE – RIGHT TECHNICAL SOLUTION THERE ARE DIFFERENT MAINTENANCE STRATEGIES – LET'S FIND THE RIGHT ONE



Based on our assembly-view there are three options:

- a) Reuse
- b) Change \rightarrow "1-to-1" or modified
- c) Repair

Main goal: Reuse of as many components as possible (Costs -) while ensuring a maximum service life of the entire system (Availability / Lifetime \uparrow)

Our Fleetchecks (at customers site, at HÜBNER or remote) bring a condition based recommendation (Outcome Report) and are the basis to define the right strategy.

HÜBNER-APPROACH:

- Assembly design on the basis of several exchangeable units
- Detailed condition assessment per assembly







Thank you for your kind attention!





